



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/668,844	09/23/2003	Roger Burton	4P06.1-010	4954
35725	7590	05/10/2004	EXAMINER	
MEHRMAN LAW OFFICE, P.C. ONE PREMIER PLAZA 5605 GLENRIDGE DRIVE, STE. 795 ATLANTA, GA 30342			CULLER, JILL E	
			ART UNIT	PAPER NUMBER
			2854	

DATE MAILED: 05/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/668,844

Applicant(s)

BURTON, ROGER

Examiner

Jill E. Culler

Art Unit

2854

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 23 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Specification

1. The disclosure is objected to because of the following informalities:

On page 1, line 21, the words "to as" appear to be unnecessary

On page 1, line 28, it appears that the word "lose" should be "loose" instead

On page 1, line 30, it appears that the word "to" after "edges" should be "of"
instead

On page 4, line 29, it appears that the underlined space should contain a number
instead

On page 5, lines 1 and 5, it appears that the word "almost" should be followed by
the word "all"

On page 5, line 11, it appears that the word "lose" should be "loose" instead

On page 5, line 26, it appears that the word "host" should be "cost" instead

Appropriate correction and/or clarification is required.

Claim Objections

2. Claims 10-16 are objected to because of the following informalities:

In claim 10, on line 5, it appears that the word "longitudinally" should be
"longitudinal" instead.

In claim 10, on line 8, it appears that the word "the" is missing between "crimped
to" and "edge".

In claim 14, on line 5, it appears that the word "longitudinally" should be "longitudinal" instead.

In claim 15, line 2, it appears that the word "and" is missing between "cross-section" and "elongated".

Appropriate correction and/or clarification is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 5-6, 10-20 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 3,675,573 to Hawks.

With respect to claim 1, Hawks shows a crimp-on edge clip, B, for attachment to a print carrier sheet, see column 2, lines 60-75, comprising: a clip portion configured for removable interface with a lock-up device, A, carried by a print roll; and a crimp fitting attached to the clip portion and configured to be crimped shut to secure a print carrier sheet to the edge clip. See column 3, lines 8-23 and the figures.

With respect to claims 5-6, Hawks shows a print carrier sheet, C, comprising: a backing having first and second opposing longitudinal edges; and an edge clip crimped to each edge. See column 1, lines 15-23.

With respect to claims 10-13, Hawks shows a print roll carrying a carrier sheet comprising: a cylindrical print roll extending in a longitudinal direction along an axis of rotation; a lock-up device, A, carried by the print roll and comprising a rail extending in the longitudinal direction; and a print carrier sheet, C, held to the print roll by the lock-up device and comprising: a backing having a longitudinal edge, and an edge clip, B, crimped to the edge and removably interfaced with the lock-up device and a second longitudinal edge, further comprising a second edge clip, B, crimped to the second longitudinal edge and removably interfaced with the lock-up device, wherein the edge clip is uniform in cross-section, elongated in a longitudinal direction, and consists essentially of a continuous extrusion. See column 1, lines 15-23, column 2, lines 60-75, and column 3, lines 8-23, and the Figures.

With respect to claims 14-16, Hawks teaches a printing machine, comprising: a cylindrical print roll extending in a longitudinal direction along an axis of rotation; a lock-up device, A, carried by the print roll and comprising first and second rails extending in the longitudinal direction; a print carrier sheet, C, held to the print roll by the lock-up device and comprising: a backing having first and second longitudinal edges; a first edge clip, B, crimped to the first edge and removably interfaced with a first rail of the lock-up device, and a second edge clip, B, crimped to the second edge and removably interfaced with a second rail of the lock-up device wherein each edge clip is uniform in cross-section, elongated in a longitudinal direction and consists essentially of a continuous extrusion. See column 1, lines 15-23, column 2, lines 60-75, and column 3, lines 8-23, and the Figures.

With respect to claims 17-20, Hawks teaches a method for implementing crimp-on edge clips for a print carrier sheet, comprising the steps of: providing a print carrier sheet backing having a longitudinal edge; and crimping an edge clip to the edge, providing a second longitudinal edge on the print carrier sheet backing; and crimping an edge clip to the second edge, removably attaching the print carrier sheet to a print roll in a printing machine, and running the printing machine to print images using the print carrier sheet. See column 1, lines 9-26 and column 2, lines 60-75.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 2-4 and 7-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hawks in view of U.S. Patent No. 5,410,964 to Koelsch

With respect to claims 2-4, Hawks teaches all that is claimed, as in the above rejection of claims 1, 5-6 and 10-19. Hawks also teaches a crimp-on edge clip wherein the edge clip is uniform in cross-section, elongated in a longitudinal direction, and consists essentially of a continuous extrusion. See column 2, lines 60-66 and Figures 1 and 5 in particular.

Hawks does not teach that the clip portion comprises a J-bar.

Koelsch teaches an edge clip, 50, with a J-bar shaped portion, 72, for use in a locking device.

It would have been obvious to one having ordinary skill in the art at the time of the invention to modify the edge clip of Hawks to have the J-bar shape of Koelsch in order to more effectively lock the clip into a lock-up device.

With respect to claims 7-9, Hawks teaches all that is claimed, as in the above rejection of claims 1, 5-6 and 10-19. Hawks also teaches a print carrier sheet wherein the edge clip contains a clip portion, configured for removable interface with a lock-up device carried by a print roll; and a crimp fitting attached to the clip portion and crimped to the print carrier sheet, and that the edge clip is uniform in cross-section, elongated in a longitudinal direction, and consists essentially of a continuous extrusion. See column 1, lines 15-23, column 2, lines 60-75, and column 3, lines 8-23, and the Figures.

Hawks does not teach that the edge clip comprises a J-bar shaped clip portion.

Koelsch teaches an edge clip, 50, with a J-bar shaped portion, 72, for use in a locking device.

It would have been obvious to one having ordinary skill in the art at the time of the invention to modify the edge clip of Hawks to have the J-bar shape of Koelsch in order to more effectively lock the edge clip into the lock-up device.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. U.S. Patent No. 3,489,085 to Kirkpatrick, U.S. Patent No.

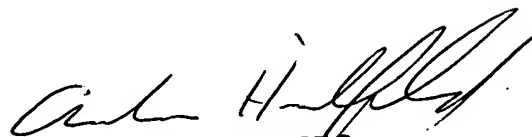
4,090,444 to Stearns, U.S. Patent No. 5,088,408 to Philpot, U.S. Patent No. 5,487,339 to Breventani et al. and U.S. Patent No. 6,318,261 to Koelsch each teach a print carrier edge clip having obvious similarities to the claimed subject matter.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jill E. Culler whose telephone number is (571) 272-2159. The examiner can normally be reached on M-Th 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Hirshfeld can be reached on (571) 272-2168. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

jec


ANDREW H. HIRSHFELD
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800